

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mohammed N. Islam, et al.
Filing Date: August 20, 2003
Title: MICROMECHANICAL OPTICAL SWITCH

MAIL STOP PATENT APPLICATION
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§1.56, 1.97, and 1.98, that the documents listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), Applicants make no representation that these documents qualify as prior art or that these documents are material to patentability of the present application or that a search has been made.

The present Information Disclosure Statement is being filed in a divisional application of U.S. Serial No. 10/227,055, filed August 22, 2002. Each document listed on the attached PTO Form 1449 was cited by or submitted to the U.S. Patent and Trademark Office in the prior application as properly identified above. Therefore, pursuant to 37 C.F.R. § 1.98(d), a copy of each listed document need not be provided with the present Information Disclosure Statement.

No fee is believed due, pursuant to 37 C.F.R. § 1.97; however, the Commissioner is hereby authorized to charge any fees or credit any overpayment to Deposit Account No. 02-384 of Baker Botts L.L.P.

Respectfully submitted,

Baker Botts L.L.P.



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Date: August 20, 2003

PTO-1449 Information Disclosure Citation in an Application	Application No.	Applicant(s)	
	Docket Number	Group Art Unit	Filing Date
	074036.0124	Mohammed N. Islam et al.	

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	4,011,009	03/08/77	Lama, et al.	350	162 R	05/27/75
B	4,900,119	02/13/90	Hill, et al.	350	96.15	04/01/88
C	5,103,340	04/07/1992	Dono et al.	385	46	08/07/1991
D	5,212,743	05/18/93	Heismann	385	11	02/12/92
E	5,291,502	03/01/1994	Pezeshki et al.	372	20	09/04/1992
F	5,311,360	05/10/94	Bloom, et al.	359	572	04/28/92
G	5,343,542	08/30/1994	Kash et al.	385	31	04/22/1993
H	5,459,610	10/17/95	Bloom, et al.	359	572	05/20/93
I	5,500,761	03/19/96	Goossen, et al.	359	290	01/27/94
J	5,654,819	08/05/97	Goossen, et al.	359	291	01/07/95
K	5,659,418	08/19/97	Yurke	359	290	02/05/96
L	5,661,592	08/26/97	Bornstein, et al.	359	291	01/07/95
M	5,701,193	12/23/97	Vogel, et al.	359	290	02/21/96
N	5,745,271	04/28/98	Ford, et al.	359	130	07/31/96

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
O	0 667 548 A1	16.08.1995	EP	G02B	26/02	X	
P	0 689 078 A1	27.12.1995	EP	G02B	26/08	X	

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)		DATE
Q	K. E. Petersen, "Micromechanical Light Modulator Array Fabricated On Silicon," Applied Physics Letters, Vol. 31, No. 8, pp. 521-523		10/15/77
R	C. Marxer, et al., "Megahertz Opto-Mechanical Modulator," Elsevier Science S.A., pp. 46-50		1996
S	C. M. Ragdale, et al., "Integrated Three Channel Laser and Optical Multiplexer for Narrowband Wavelength Division Multiplexing," Electronics Letters, Vol. 30, No. 11, pp. 897-898		05/26/94
T	K. O. Hill, et al., "Narrow-Bandwidth Optical Waveguide Transmission Filters," Electronic Letters, Vol. 23, No. 9, pp. 465-466		04/23/87
U	C. M. Ragdale, et al., "Integrated Laser and Add-Drop Optical Multiplexer for Narrowband Wavelength Division Multiplexing," Electronic Letters, Vol. 28, No.89, pp. 712-714		04/09/92
V	K. Aratani, et al., "Process and Design Considerations for Surface Micromachined Beams for A Tuneable Interferometer Array in Silicon," Handbook of Physics, pp. 230-235		1993

EXAMINER	DATE CONSIDERED

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U.S. Patent and Trademark Office

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U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,751,469	05/12/98	Arney, et al.	359	291	02/01/96
	B	5,774,252	06/30/1998	Lin et al.	359	224	04/19/1996
	C	5,825,528	10/20/98	Goossen	359	291	12/26/95
	D	5,835,255	11/10/98	Miles	359	291	05/05/94
	E	5,841,579	11/24/98	Bloom, et al.	359	572	06/07/95
	F	5,850,492	12/15/98	Morasca, et al.	385	11	11/06/96
	G	5,870,221	02/09/99	Goossen	359	290	07/25/97
	H	5,909,303	06/01/1999	Trezzza et al.	359	248	01/03/1997
	I	5,914,804	06/22/99	Goossen	359	291	01/28/98
	J	5,920,391	07/06/1999	Grasdepot et al.	356	352	04/22/1998
	K	5,943,155	08/24/99	Goossen	359	247	08/12/98
	L	5,943,158	08/24/99	Ford, et al.	359	295	05/05/98
	M	5,943,454	08/24/99	Aksyuk, et al.	385	22	08/15/97
	N	5,949,571	09/07/99	Goossen, et al.	359	291	07/30/98

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	O	0 788 005 A2	06.08.1997	EP	G02B	26/02	X	
	P	99/34484	08.07.1999	WO	H01S		X	
	Q	01/09995 A1	08.02.2001	WO	H01S	5/00	X	

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
R	O. Solgaard, et al., "Deformable Grating Optical Modulator," Optics Letters, Vol. 17, No. 9, pp. 688-690	05/01/92
S	W.R. Wiszniewski, et al., "Mechanical Light Modulator Fabricated On A Silicon Chip Using Simox Technology, pp. 1027-1030	Undated
T	M.W. Chbat, "High-spectral-efficiency transmission systems," OFC 2000, Baltimore, MD, pp TuJ1-1, 134-136	
U	J.W. Bayless, et al., "The Specification and Design of Bandlimited Digital Radio Systems," IEEE Transactions on Communications, Vol. COM-27 (12): pp. 1763-1770	
V	D.E. Sene, et al., "Polysilicon Micromechanical Gratings for Optical Modulation," Elsevier Vol. Sensors and Actuators (A 57), pp. 145-151	

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	074036.0124	Group Art Unit
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A	5,949,801	09/07/1999	Tayebati	372	20	07/22/1998
B	5,960,133	09/28/99	Tomlinson	385	18	01/27/98
C	5,974,207	10/26/99	Aksyuk, et al.	385	24	12/23/97
D	5,986,796	11/16/99	Miles	359	260	11/05/96
E	5,999,319	12/07/1999	Castracane	359	573	04/29/1998
F	6,002,513	12/14/99	Goossen, et al.	359	291	06/22/98
G	6,025,950	02/15/2000	Tayebati et al.	359	244	07/27/1998
H	6,041,071	03/21/2000	Tayebati	372	64	09/27/1996
I	6,123,985	09/26/2000	Robinson et al.	427	162	10/28/1998
J	6,204,946 B1	03/20/2001	Aksyuk et al.	359	131	11/12/97
K	0055147 A1	12/27/2001	Little et al.	359	293	03/20/2001
L	6,271,052 B1	08/07/2001	Miller et al.	438	50	10/19/2000
M	6,301,274 B1	10/09/2001	Tayebati et al.	372	20	03/30/1999

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	YES	NO
N	01/67156 A2	13.09.2001	WO	G02B	26/00	X		
O	01/67157 A2	13.09.2001	WO	G02B	26/00	X		
P	01/67158 A2	13.09.2001	WO	G02B	26/00	X		
Q	01/67171 A2	13.09.2001	WO	G02F	1/21	X		
R	01/75497 A1	11.10.2001	WO	G02B	6/35	X		

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
S	D.M. Burns, et al., "Micro-Electro-Mechanical Variable Blaze Gratings," IEEE 10th Annual International Workshop on Micro Mechanical Systems, pp. 385-391	1997
T	L.Y. Lin, et al., "Micromachined polarization-state controller and its application to polarization-mode dispersion compensation," OFC 2000, Baltimore, MD, pp. ThQ3-1, 244-246	2000
U	J.W. Bayless, et al., "High Density Digital Data Transmission," National Telecommunications Conference, Dallas, TX, pp. 1-6	1976
V	R.W. Corrigan, et al., "17.3: Calibration of a Scanned Linear Grating Light Value Projection System," www.siliconlight.com	1999

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U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	6,341,039 B1	01/22/2002	Flanders et al.	359	578	08/25/2000
B	6,373,632 B1	04/16/2002	Flanders	359	578	08/25/2000
C	6,381,387 B1	04/30/2002	Wendland, Jr.	385	37	08/02/00
D	2002/0105697 A1	08/08/2002	Fabiny	359	128	02/12/02
E	6,439,728 B1	08/27/2002	Copeland	359	515	08/28/01

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	
F	WO 01/37021 A1	14.11.2000	PCT	G02B	6/42	X	
G	WO 01/79795 A1	22.03.2001	PCT	G01J	3/28	X	
H	WO 02/056521 A1	02.11.2001	PCT	H04J	14/00	X	
I	WO 02/059655 A2	20.12.2001	PCT	G02B		X	
J	WO 02/06860 A1	11.07.2001	PCT	G02B	5/18	X	
K	WO 02/10822 A1	31.07.2001	PCT	G02B	6/34	X	

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
L	SLM "GLV Technology," www.siliconlight.com	1999
M	R.W. Corrigan, et al., "Grating Light Valve Technology for Projection Displays," Presented at the International Display Workshop, Kobe, Japan	1998
N	M. Ming, et al., "Principles and Applications of Optical Communications," Irwin, pp. 468 & 470	1996
O	SLM "The Grating Light Valve Technology," www.siliconlight.com	1999
P	SLM "The Scanned Grating Light Valve Display Architecture," www.siliconlight.com	1999
Q	A. Willner, "WDM Systems 1," OFC '97, Dallas, TX, pp. TuJ, 43-45	1997
R	C. Pu, et al., "Micromachined Integrated Optical Polarization-State Rotator," IEEE Photonics Technology Letters, Vol. 12 (10), pp. 1358-1360	10/2000
S	D.T. Amm, et al., "5.2: Grating Light Valve Technology: Update and Novel Applications," Presented at Society for Information Display Symposium, Anaheim, CA, pp. 1-4	1999
T	J.E. Ford, et al., "Fiber-Coupled Variable Attenuator Using a MARS Modulator," SPIE, Vol. 3226, pp. 86-96	1997

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B	WO 01/37021 A1	14.11.2000	PCT	G02B	6/42	X	
C	WO 01/79795 A1	22.03.2001	PCT	G01J	3/28	X	
D	WO 02/056521 A1	02.11.2001	PCT	H04J	14/00	X	
E	WO 02/059655 A2	20.12.2001	PCT	G02B		X	

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
F	D.M. Burns, et al., "Development of Michromechanical Variable Blaze Gratings," Elsevier Science S.A., vol. Sensors and Actuators, pp. 7-15	1998
G	C.K. Madsen, et al., "A Tunable Dispersion Compensating MEMS All-Pass Filter," IEEE Photonics Technology Letters, Vol. 12 (6), pp. 651-653	2000
H	J.E. Ford, et al., "Passband-Free Dynamic WDM Equalization," ECOC '98, Madrid, Spain, pp. 317-318	1998
I	K.W. Goossen, et al., "Micromechanical Gain Slope Compensator for Spectrally Linear Optical Power Equalization	2000
J	K.W. Goossen, et al., "Silicon Modulator Based on Mechanically-Active Anti-Reflection Layer with 1 Mbit/sec Capability for Fiber-in-the-Loop Applications," IEEE Photonics Technology Letters, Vol. 6 (9), pp. 1119-1121	1994
K	L.Y. Lin, et al., "Angular-Precision Enhancement in Free-Space Micromachined Optical Switches," IEEE Photonics Technology Letters, Vol. 11 (10), pp. 1253-1255	1999
L	L.Y. Lin, et al., "Free-Space Micromachined Optical Switches with Submillisecond Switching Time for Large-Scale Optical Crossconnects," IEEE Photonics Technology Letters, Vol. 10 (4), pp. 525-527	1998
M	L.Y. Lin, et al., "Optical Crossconnects for High-capacity Lightwave Networks," Jornal of High Speed Networks, pp. 17-34	1999
N	E.P. Furlani, et al., "Analysis of grating light valves with partial surface electrodes," American Institute of Physics, Vol. 83 (2), pp. 629-634	1998
O	E.P. Furlani, et al., "Theory and simulation of viscous damped reflection phase gratings," J. Phys. D: Appl. Phys., Vol. 32, pp. 412-416	1999
P	K. Aratani, et al., "Surface micromachined tuneable interferometer array," Sensors and Actuators, Vol. 43, pp. 17-23	1994
Q	R.T. Howe, et al., "Polycrystalline Silicon Micromechanical Beams," Journal Electrochemical Society," Vol. 130 (6), pp. 1420-1423	1983
R	S.R. Mallinson, "Wavelength-selective filters for single-mode fiber WDM systems using Fabry-Perot interferometers," Applied Optics, Vol. 26 (3), pp. 430-436	1987

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	A						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B	WO 02/06860 A1	11.07.2001	PCT	G02B	5/18	X	
	C	WO 02/10822 A1	31.07.2001	PCT	G02B	6/34	X	
	D	WO 02/21191 A1	07.09.2001	PCT	G02B	27/10	X	
	E	WO 02/50588 A1	20.12.2001	PCT	G02B	6/26	X	
	F							

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
E	L.Y. Lin, et al., "Micromachined Polarization-state-controller and its Application to Polarization-mode Dispersion-compensation," OFC 2000, Baltimore, MD, pp. ThQ3-1, 144-246	2000
F	L.Y. Lin, et al., "Optical-layer Networking: Opportunities for and Progress in Lightwave Micromachines," OFC 2000, Baltimore, MD, pp. 1-88	2000
G	Author Unknown, "Diffraction and Interference," Optics, Chapter 6, pp. 102-103	Undated
H	"Polarization Mode Dispersion (PMD)," Cables & Components Technical Papers, http://www.usa.alcatel.com/cc/techprs/fnlpmd2.htm	2000
I	"Menyuk Tutorial," OFC 2000, pp. 92-94	03/2000
J	Agrawal, "Fiber-Optic Communication Systems," A Wiley-Interscience Publication, The Institute of Optics University of Rochester NY, pp. 284-360	1997
K	Ford et al., "Fiber-Coupled Variable Attenuator Using a MARS Modulator," Invited Paper, SPIE, Vol. 3226, pp. 86-93	1997
L	Sadot et al., "Tunable Optical Filters for Dense WDM Networks," IEEE Communications Magazine, pp. 50-55	12/1998
M	Goossen, "MEMS-Based Variable Optical Interference Device," IEEE, Invited MB1, pp. 17-18	08/2000
N	Walker et al., "Mechanical Anti-Reflection Switch (MARS) Device for Fiber-In-the-Loop Applications," Invited FA1, pp. 59-60	
O	Jerman, "Minature Fabry-Perot Interferometer Micromachined in Silicon for use in Optical Fiber WDM Systems," Transducers '91, International Solid-State Conference on Sensors and Actuators, pp. 372-375	1991
P	Wu et al., "Widely and Continuously Tunable Micromachined Resonant Cavity Detector with Wavelength Tracking," IEEE Photonics Technology Letters, Vol. 8, No. 1, pp. 98-99	1991
Q	Vail et al., "GaAs micromachined widely tunable Fabry-Perot Filters," Electronics Letters, Vol. 31, No. 3, pp. 228-229	01/1996

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	B						

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							YES	NO
	C							

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
D	Vail et al., "High performance micromechanical tunable vertical cavity surface emitting lasers," Electronics Letters, Vol. 32, No. 20, 2 pages	09/26/1996
E	Tayebati et al., "Microelectromechanical tunable filter with stable half symmetric cavity," Electronics Letters, Vol. 34, No. 20, pp. 1967-1968	10/01/1998
F	Tayebati et al., "Microelectromechanical tuneable filters with 0.47 nm linewidth and 70 nm tuning range," Electronics Letters, Vol. 34, No. 1, 2 pages	01/08/1998
G	Tayebati et al., "Widely Tunable Fabry-Perot Filter Using Ga(A1)As-A1Ox Deformable Mirrors," IEEE Photonics Technology Letters, Vol. 10, No. 3, pp. 394-396	03/1998
H	Tran et al., "Surface Micromachined Fabry-Perot Tunable Filter," IEEE Photonics Technology Letters, Vol. 8, NO. 3	03/1996
I	Burns et al., "Optical beam steering using surface micromachined gratings and optical phased arrays," SPIE, Vol. 3131, pp. 99-110	Undated
J	Burns et al., "Designs to improve polysilicon micromirror surface topology," SPIE, Vol. 3008, pp. 100-110	Undated
K	"1-D vs. 2-D vs. 3-D MEMS Optical Switch Architectures," Network Photonics, pp. 1-3	Undated
L	"CrossWave™ A Reliable MEMS-Based Optical Switch, Network Photonics, pp. 1-4	Undated
M	Vail et al., "GaAs micromachined widely tunable Fabry-Perot filters," Electronics Letters, Vol. 31, No. 3, pp. 228-229	02/02/1995
N	Tayebati et al., "Microelectromechanical tunable filter with stable half symmetric cavity," Electronics Letters, Vol. 34, No. 20, pp. 1967-1968	10/01/1998
O	Tran et al., "Surface Micromachined Fabry-Perot Tunable Filter," IEEE Photonics Technology Letters, Vol. 8, No. 3, pp. 393-395	03/1996
P	Ford et al., "Micromechanical Fiber-Optic Attenuator with 3 µs Response," Journal of Lightwave Technology, Vol. 16, No. 9, pp. 1663-1670	09/1998
Q	Walker et al., "Fabrication of a Mechanical Antireflection Switch for Fiber-to-the-Home Systems," Journal of Microelectromechanical Systems, Vol. 5, No. 1, pp. 45-51	03/1996

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N	Goossen et al., "Micromechanical Gain Slope Compensator for Spectrally linear Optical Power Equalization," IEEE Photonics Technology Letters, Vol. 12, No. 7, pp. 831-833	07/2000
O	Goossen et al., "Integrated mechanical anti-reflection switch (MARS) device for fiber-to-the-home applications," http://mirlynweb.lib.umich.edu/WebZ/FETCH?sessionid=01-35557-462149016&recno=13&re	05/08/2002
P	"ELASTIC-45 tunable interferometer component," Solus, Preliminary Datasheet and applications	Undated
Q		
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Title: MICROMECHANICAL OPTICAL SWITCH

MAIL STOP PATENT APPLICATION
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

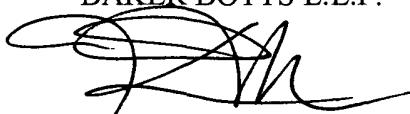
Dear Sir:

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Respectfully submitted,
BAKER BOTTS L.L.P.



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U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	2002/0035193 A1	02/20/2003	Islam et al.	359	290	08/22/2002
	B	6,407,851 B1	06/18/2002	Islam et al.	359	291	08/01/2000
	C	2003/0081878 A1	05/01/2003	Joyner et al.	385	14	10/08/2002
	D	2003/0086465 A1	05/08/2003	Peters et al.	372	50	10/30/2002
	E	2003/0095736 A1	05/22/2003	Kish, JR. et al.	385	14	10/08/2002
	F	2003/0095737 A1	05/22/2003	Welch et al.	385	14	10/08/2002
	G	6,611,366 B1	08/26/2003	Islam et al.	359	291	04/22/2002
	H						
	I						
	J						
	K						
	L						
	M						
	N						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		O					YES	NO
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EXAMINER	DATE CONSIDERED

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